

项目介绍模板

1. 项目编号和标题

应包括以下内容。

项目名称

作者小组成员及分工

学校

Project ID and Title

The following should be included:

Project Title

Member Name (s)

School(s)

2. 介绍 - 你的工程问题和目标是什么？

你想解决的是什么问题？（包括对你的工程目标的描述。）

解释已知的或已经做过的解决这个问题的的工作，包括你可能建立的工作。你可以包括对相关文献的简要回顾。

如果这是一个延续性的项目，在这里简要总结一下你以前的工作是合适的。

INTRODUCTION - What is your engineering problem and goal?

What problem were you trying to solve? Include a description of your engineering goal.

Explain what is known or has already been done to solve this problem, including work on which you may build. You may include a brief review of relevant literature.

If this is a continuation project, a brief summary of your prior work is appropriate here.

3. 方法 - 解释你建立设计的方法和程序。

你做了什么？你是如何设计和制作你的原型的？如果有一个原型，你可能想包括原型的图片或设计。

如果你测试了原型，你的测试程序是什么？你收集了哪些数据，你是如何收集这些数据的？

METHODS - Explain your methods and procedures for building your design.

What did you do? How did you design and produce your prototype? If there is a physical prototype, you may want to include pictures or designs of the prototype.

If you tested the prototype, what were your testing procedures? What data did you collect and how did you collect that data?

4. 结果 - 你的项目的结果是什么？

你的原型是如何达到你的工程目标的？

如果你对原型进行了测试，请提供一份测试数据的摘要，表格和数字来说明你的结果。

包括对数据的相关统计分析。

RESULTS - What were the result(s) of your project?

How did your prototype meet your engineering goal?

If you tested the prototype, provide a summary of testing data tables and figures that illustrate your results.

Include relevant statistical analysis of the data.

5. 讨论 - 你对这些结果的解释是什么？

这些结果意味着什么？你可以将你的结果与理论、公布的数据、普遍持有的信念和/或预期结果进行比较。

是否出现了任何你没有预料到的问题或难题？这些问题是由不受控制的事件引起的吗？你是如何解决这些问题的？

你的原型与目前的产品相比有什么改进或进步？

DISCUSSION - What is your interpretation of these results?

What do these results mean? You may compare your results with theories, published data, commonly held beliefs, and/or expected results.

Did any questions or problems arise that you were not expecting? Were these problems caused by uncontrolled events? How did you address these?

6. 结论 - 你得出了什么结论？

你的项目是否如你所期望的那样发展？

你认为你的工作有哪些应用？

CONCLUSIONS - What conclusions did you reach?

Did your project turn out as you expected?

What application(s) do you see for your work?

7. 参考文献

本节不应超过一页。将你的清单限制在最重要的参考资料上。

列出所使用的不是你自己创造的参考资料/文件（例如，网站、书籍、期刊文章）。

REFERENCES

This section should not exceed one page. Limit your list to the most important references.

List the references/documentation used which were not of your own creation (i.e., books, journal articles).